

WHAT IS CLAIMED IS:

1. An LCD comprising:

an upper array substrate and a lower color filter  
5 substrate, which are opposed and spaced a predetermined  
distance to each other;

a reflective film formed in a matrix on a non-pixel  
section on the color filter substrate;

a black-matrix formed on the reflective film;

10 red, green, and blue color filters, formed on pixel  
sections of the color filter substrate defined by the black-  
matrix;

a lower orientation film formed on the whole area of  
substrates including the color filters and black-matrix;

15 a pixel electrode formed on the pixel section on the  
array substrate;

an upper orientation film formed on the whole area of  
substrates including the pixel electrode;

a liquid crystal layer interposed between the color  
20 filter substrate and the array substrate;

a partially masked lower polarizer mounted outside the  
color filter substrate, in which a portion under the non-  
pixel section does not have polarization function; and

an upper polarizer mounted outside the array substrate.

2. An LCD as claimed in claim 1, wherein the lower polarizer is designed in such a manner that an overlapped length  $d$  of a portion having polarization function with the reflective film ranges relative to a width  $L$  of the reflective film in accordance with the following expression 1 in order to prevent a light leakage;

[expression 1]

$$0 < d < L/2.$$

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3. An LCD, comprising:

an upper array substrate and a lower color filter substrate, which are opposed and spaced a predetermined distance to each other;

15 a reflective film formed in a matrix on a non-pixel section on the color filter substrate;

a black-matrix formed on the reflective film;

color filters of red, green and blue formed on pixel sections of the color filter substrate defined by the black-  
20 matrix;

a lower polarizer formed on the whole area of substrates including the color filters and black-matrix;

a lower orientation film formed on the lower polarizer;

a pixel electrode formed on the pixel section on the

array substrate;

an upper orientation film formed on the whole area of substrates including the pixel electrode;

a liquid crystal layer interposed between the color  
5 filter substrate and the array substrate; and

an upper polarizer mounted outside the array substrate.

4. An LCD as claimed in claim 3, wherein the lower polarizer is a partially masked polarizer, in which a  
10 portion on the black-matrix does not have a polarization function.